al Application No PC., L.(2004/000705

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F03B13/18 F03B11/06 F16C27/06 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC $7\ \ F03B\ \ F16C\ \ F03D$ Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category 5 1,2, WO 89/07197 A (BURTON, LAWRENCE, C) 16-19, 10 August 1989 (1989-08-10) 23-30 3-10,21page 4 - page 9 Y abstract; figures 3-5,7US 4 223 962 A (ZIELFLEISCH ET AL) 23 September 1980 (1980-09-23) column 1, line 6 - line 64 column 2, line 62 - column 4, line 7 Α abstract; claims 1-6,11; figures 6 GB 2 062 130 A (SALTER S H) 20 May 1981 (1981-05-20) 3-5.7page 1, line 67 - line 115 A abstract; figures Patent family members are listed in annex. Further documents are listed in the continuation of box C. T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "E" earlier document but published on or after the international "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O document referring to an oral disclosure, use, exhibition or document published prior to the International filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 22/02/2005 9 February 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 O'Shea, G

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1,2,16-22

A wave power apparatus comprising a plurality of arms with floats attached at one end so that movement of the float caused by a wave results in rotation of the arm around a shaft. A hydraulic lift system is provided for lifting the floats out of the ocean. The float is pivotally joined to the arm.

2. claims: 1,3-7

A wave power apparatus comprising a plurality of arms with floats attached at one end so that movement of the float caused by a wave results in rotation of the arm around a shaft. A hydraulic lift system is provided for lifting the floats out of the ocean. The arm is connected to the shaft at at least two points which are offset from the axis of the arm and the shaft is rotatably supported by a fixed support comprising two bearings arranged to couteract radial and axial forces.

3. claims: 1,8-15

A wave power apparatus comprising a plurality of arms with floats attached at one end so that movement of the float caused by a wave results in rotation of the arm around a shaft. A hydraulic lift system is provided for lifting the floats out of the ocean. The plurality of arms are arranged in a row such that a passing wave causes the arms to successively pivot about the shaft and the row of arms are oriented at an angle of within +-60 degrees of the wave heading.

4. claims: 1,23-30

A wave power apparatus comprising a plurality of arms with floats attached at one end so that movement of the float caused by a wave results in rotation of the arm around a shaft. A hydraulic lift system is provided for lifting the floats out of the ocean. A supporting structure which is anchored to the sea floor supports power conversion means and the shaft. Further features relating to the support structure are provided.

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r Article 17(2)(a) for the following reasons:
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item 3 of first sheet)
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